



Advanced Control Strategies and Applications of Multi-Agent Systems

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Message from the Guest Editors

This Special Issue aims to explore the latest advancements in multi-agent system (MAS) control strategies and practical applications. MASs, consisting of multiple interacting intelligent agents, have the potential to solve intricate problems through a form of coordination and distributed decision-making that single agents could not handle, with significant implications for various domains such as robotics, autonomous vehicles, aircraft formation, spacecraft formation, smart grids, and distributed sensor networks.

- multi-agent systems
- formation control
- consensus tracking
- event-triggered control
- dynamic network topology
- distributed control
- distributed optimization
- resilient consensus
- game theory
- non-cooperative games
- mixed-motive games
- multi-agent reinforcement learning





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Message from the Editor-in-Chief

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